



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**Region 2 Laboratory
2890 Woodbridge Avenue
Edison , New Jersey 08837
732-906-6886 Phone
732-906-6165 Fax**

February 26, 2019

Smita Sumbaly
Weston Solutions Inc.
205 Campus Drive
Edison, NJ 08837

RE: Tonawanda Coke - 1902001

Enclosed are the results of analyses for samples received by the laboratory on 02/07/2019. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1902001 and contact the laboratory.

Sincerely,

A handwritten signature in black ink, which appears to read "John R. Bourbon", is positioned above the typed name.

John R. Bourbon
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: Tonawanda Coke - 1902001

Project Number: 1902001

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (TNI) is a voluntary environmental laboratory accreditation association of State and Federal agencies. TNI established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the TNI Standards.

Condition Comments

None

Comment(s):

The "Sample Analysis Date and Time" is included in the results section for any analyte with a prescribed holding time of 72 hours or less.

Data Qualifier(s):

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: Tonawanda Coke - 1902001

Project Number: 1902001

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
CPD001-M-0219-001	1902001-01	Aqueous	02/06/2019 10:00	02/07/2019 15:00
CPD001-M-0219-002	1902001-02	Aqueous	02/06/2019 10:00	02/07/2019 15:00
NRI001-M-0219-001	1902001-03	Aqueous	02/05/2019 13:51	02/07/2019 15:00
OUTFALL001-M-0219-001	1902001-04	Aqueous	02/06/2019 10:55	02/07/2019 15:00
OUTFALL002-M-0219-001	1902001-05	Aqueous	02/05/2019 13:10	02/07/2019 15:00
OUTFALL002-M-0219-002	1902001-06	Aqueous	02/05/2019 13:10	02/07/2019 15:00
OUTFALL002-M-0219-001	1902001-07	Aqueous	02/05/2019 14:00	02/07/2019 15:00



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: Tonawanda Coke - 1902001

Project Number: 1902001

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Biochemical Oxygen Demand	SM 5210B SOP C-21 Rev 2.6	NELAP	Aqueous
Chemical Oxygen Demand	EPA 410.4 SOP C-53 Rev 2.6	NELAP	Aqueous
Cyanide, Total	EPA 335.4 SOP C-28 Rev 2.6	NELAP	Aqueous
Mercury	EPA 245.1 SOP C-110 Rev 2.5	NELAP	Aqueous
Metals ICP TAL NPDES/DW	EPA 200.7 SOP C-109 Rev 3.4	NELAP	Aqueous
Oil & Grease	EPA 1664A SOP C-126 Rev 1.5	NELAP	Aqueous
Phosphorus	EPA 365.1 SOP C-68 Rev 2.6	NELAP	Aqueous
Residue, Non-Filterable	SM 2540D SOP C-33 Rev 3.6	NELAP	Aqueous



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report
Project: Tonawanda Coke - 1902001
Project Number: 1902001

Analyte	Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
---------	--------	-----------	-----------------	-------	----------------------------

Field ID: CPD001-M-0219-001

Sample ID: 1902001-01

GC - Sanitary

Oil & Grease	---	U	5.6	mg/L	
--------------	-----	---	-----	------	--

Mercury CVAA

Mercury	0.284		0.0500	ug/L	
---------	-------	--	--------	------	--

Sanitary

Biochemical Oxygen Demand	13		2.0	mg/L	2/7/2019 4:12:00PM
Chemical Oxygen Demand	21	L	20	mg/L	
Cyanide, Total	97		10	ug/L	
Phosphorus	0.12		0.050	mg/L	
Residue, Non-Filterable	60		10	mg/L	

Field ID: CPD001-M-0219-002

Sample ID: 1902001-02

GC - Sanitary

Oil & Grease	---	U	5.4	mg/L	
--------------	-----	---	-----	------	--

Mercury CVAA

Mercury	0.153		0.0500	ug/L	
---------	-------	--	--------	------	--

Sanitary

Biochemical Oxygen Demand	8.1		2.0	mg/L	2/7/2019 4:12:00PM
Chemical Oxygen Demand	20		20	mg/L	
Cyanide, Total	84		10	ug/L	
Phosphorus	0.12		0.050	mg/L	
Residue, Non-Filterable	37		10	mg/L	

Field ID: NRI001-M-0219-001

Sample ID: 1902001-03

Sanitary

Residue, Non-Filterable	33		10	mg/L	
-------------------------	----	--	----	------	--

Field ID: OUTFALL001-M-0219-001

Sample ID: 1902001-04

GC - Sanitary



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report
Project: Tonawanda Coke - 1902001
Project Number: 1902001

Analyte	Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
Field ID: OUTFALL001-M-0219-001			Sample ID: 1902001-04		
GC - Sanitary Oil & Grease	---	U	5.4	mg/L	
Sanitary Residue, Non-Filterable	33		10	mg/L	
Field ID: OUTFALL002-M-0219-001			Sample ID: 1902001-05		
Metals ICP Iron	3440		50.0	ug/L	
Sanitary Residue, Non-Filterable	50		10	mg/L	
Field ID: OUTFALL002-M-0219-002			Sample ID: 1902001-06		
Metals ICP Iron	3520		50.0	ug/L	
Field ID: OUTFALL002-M-0219-001			Sample ID: 1902001-07		
GC - Sanitary Oil & Grease	---	U	6.5	mg/L	